

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5**

DATE: March 6, 2000

SUBJECT: Reports of Significant Developments and Activities
Ending on February 25, 2000

FROM: William E. Muno, Director
Superfund Division

TO: Francis X. Lyons
Regional Administrator

David A. Ullrich
Deputy Regional Administrator

The activities listed below are organized by site-specific activities, other significant developments, and training/conferences:

SITE-SPECIFIC ACTIVITIES

Preliminary Close Out Report Signed, Petoskey Municipal Well Field Superfund Site, Petoskey, Michigan.

On February 18, 2000, the preliminary close out report (PCOR) for the Petoskey Municipal Well Field Superfund site in Petoskey, Michigan, was signed by William E. Muno, Director of the Superfund Division. This indicates that construction activities have been completed at the site. Petoskey Manufacturing Company, Inc., which disposed of solvents and other waste on the ground surface, is seen as the source of contamination of the municipal well and the focus of the cleanup. Major components of the cleanup include: removal of approximately 2,500 cubic yards of contaminated soils which were sent to a landfill approved by the United States Environmental Protection Agency (U.S. EPA); a soil vapor extraction (SVE) system for the removal of volatile organic compounds (VOCs) from subsurface soils (in operation and expected to achieve cleanup goals in several months); deed restrictions to limit the future use of groundwater at the site and to ensure the landowner's "due care" responsibilities for future property development; and, monitored natural attenuation of the groundwater. The installation of the

additional monitoring wells

and the groundwater monitoring program is planned to be initiated in May 2000.

Contact: Giang-Van Nguyen (312-886-6726)

Five-Year Review Completed, City Disposal Corporation Landfill Superfund Site, Dunn, Wisconsin

On February 25, 2000, William E. Muno, Director of the Superfund Division, signed a five-year review for the City Disposal Corporation Landfill Superfund site in Dunn, Wisconsin. The purpose of the review was to evaluate whether the remedial action remains protective of human health and the environment. On March 15, 1993, U.S. EPA issued a unilateral administrative order to Waste Management of Wisconsin, Inc., calling for performance of remedial design and remedial action work necessary to fulfill Record of Decision objectives. Site response work has proceeded in two main phases. Source control construction work, consisting of installation of a landfill cover to prevent infiltration and direct contact problems and associated collection and flaring of landfill gas, began in 1995. This phase is now complete. Groundwater control work is under construction, with construction expected to be completed by the Summer of 2000. This work will consist of installation of extraction wells, a fixed-film bioreactor treatment system, and monitoring of both effluent quality and a groundwater well network. The five-year review report confirmed that the remedy remains protective of both human health and the environment.

Contact: Russell Hart (312-886-4844)

OTHER SIGNIFICANT DEVELOPMENTS

U.S. EPA Assistance, New American Society for Testing and Materials Geophysical Standard Guides

Geologists in the Field Services Section have been participating on American Society for Testing and Materials (ASTM) Task Groups charged with developing standard guides for

the use of geophysical methods for subsurface investigations. As a result of this participation, four new standards have recently been published by ASTM: D6429, Standard Guide for Selecting Surface Geophysical Methods; D6430, Standard Guide for Using the Gravity Method for Subsurface Investigation; D6431, Standard Guide for Using the Direct Resistivity Method for Subsurface Investigation; and, D6432, Standard Guide for Using the Surface Ground Penetrating Radar Method for Subsurface Investigation. Abstracts for these standards and other standards can be viewed on ASTM's web site: www.astm.org.

Earlier participation resulted in the publication of standards to address seismic refraction and various borehole logging techniques. The Superfund Division geologists are the only U.S. EPA representatives on these ASTM Task Groups. ASTM is a not-for-profit organization that provides a forum for development and publication of voluntary consensus standards for materials, products, systems, and services.

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TRAINING/CONFERENCES

Tribal First Responder-Awareness Level Course, Prairie Island Indian Reservation, Minnesota

On February 23-24, 2000, the Tribal Responder-Awareness Level Course was the second course hosted by the Prairie Island Indian Reservation, Minnesota. A total of 49 students, representing Tribal agencies, the Treasure Island Resort and Casino, Northern States Power, the Canadian Pacific Railroad, other area Tribes, and County representatives, successfully completed the course. On-Scene Coordinator Steve Faryan and the Superfund Technical Assistance and Response Team (START) member Bill Sass provided the response training instruction. Office of Chemical Emergency Preparedness and Prevention (OCEPP) Tribal Coordinator Glenn Cekus moderated the course and gave a presentation entitled Title III on Indian Lands. The Prairie Island Indian Reservation is considered to be at more risk of hazardous material emergencies than most reservations in U.S. EPA Region 5. This is due to its unique location; sharing an island with the Northern States Power

Company's nuclear power plant. Also, the Canadian Pacific Railroad has a right-of-way through the Reservation and approximately 40 trains containing hazardous materials cross the Reservation daily. Finally, only one all-weather road provides access to the Island, which is also susceptible to periodic flooding. Representatives from the Mille Lacs Tribe and the Ho-Chunk Indian Reservation attended the course and expressed interest in hosting it at their respective Reservations later this year. This was the third Tribal First Responder-Awareness Level course presented in Fiscal Year 2000.

Contact: Glenn Cekus (312-353-6449)

Presentation, National Geophysical Conference, Arlington, Virginia

During the week of February 20-24, 2000, at the request of the Technology Innovation Office, Mark Vendl of the Field Services Section gave a presentation entitled, "Geophysics at the U.S. EPA," at the Annual Meeting of the Environmental and Engineering Geophysical Society. This meeting was held in Arlington, Virginia and was attended by over 300 people. The talk covered various geophysical projects being conducted by the National Exposure Research Lab in Las Vegas, the Technology Innovation Office in Washington, D.C., and the Field Services Section in U.S. EPA Region 5. This talk was part of a session on Geophysics in the Federal Government where ten federal agencies were represented.

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Discussion of Computer Aided Management Emergency Operations and Landview, Wright College, Chicago, Illinois

On February 22, 2000, John Elkmann, Office of Chemical Emergency Preparedness and Prevention, met with Dr. Victoria Cooper, Wright College, Chicago to discuss Computer Aided Management Emergency Operations (CAMEO) and Landview. Dr. Cooper is Director of the Wright College Department of Environmental Science and a member of the Chicago Local Emergency Planning Committee. The School is in the process of creating several courses for the City of Chicago Department of Emergency Management.

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